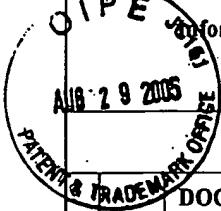




PTO-1449  A U.S. PATENT & TRADEMARK OFFICE INFORMATION DISCLOSURE CITATION IN AN APPLICATION APR 29 2005	Application No. 10/776,887	Applicant(s): COLIN TEMPLE ET AL.	
	Docket Number HES 2003-IP-009967U1P1	Group Art Unit 1712	Filing Date 02/11/2004

### U.S. PATENT DOCUMENTS

	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
1.	US3,025,234	03-1962	Canterino, Peter J.	506	119	
2.	US4,405,357	08-1977	Reed, Marion G.	506	123	
3.	US4,490,261	12-1984	Heilweil, Israel J.	507	123	
4.	US4,498,994	02-1985	Heilweil, Israel J.	507	120	
5.	US4,514,310	04-1985	Heilweil, Israel J.	507	229	
6.	US4,644,020	02-1987	Stahl, G. Allen	522	79	
7.	US4,792,412	12-1988	Heilweil, Israel J.	507	123	
8.	US5,035,812	07-1991	Aignesberger et al.	507	119	
9.	US5,654,261	08-1997	Smith, Julie E.	507	269	

### FOREIGN PATENT DOCUMENTS

	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
10	EP 0 668 339A1	02-16-95	EPO	C09K	7/00	x	
11	GB2267921A	06-19-92	UNITED KINGDOM	C09K	7/02	x	

### NON-PATENT DOCUMENTS

DOCUMENT (Including Author, Title, Source, and Pertinent Pages)	DATE

EXAMINER <i>P. TUCKER</i>	DATE CONSIDERED <i>8/06</i>
------------------------------	--------------------------------

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.



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Substitute for form 1449/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 1

### Complete if Known

Application Number	10/776,887
Filing Date	02/11/2004
First Named Inventor	Colin Temple
Art Unit	1712
Examiner Name	unknown
Attorney Docket Number	2003-IP-009967U1P1

### U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
PJ	1	US- 2,146,693	02/07/39	Vietti et al.	
	2	US- 2,165,823	07/11/39	Vietti et al.	
	3	US- 2,205,609	06/25/40	Vail et al.	
	4	US- 3,640,343	02/08/72	Darley	
	5	US- 3,679,001	07/25/72	Hill	
	6	US- 3,746,109	07/17/73	Darley	
	7	US- 4,391,643	07/05/83	Murphrey	
	8	US- 4,466,831	08/21/84	Murphrey	
	9	US- 4,521,136	06/04/85	Murphrey	
	10	US- 4,525,825	06/25/85	Son et al.	
	11	US- 4,625,802	01/12/86	Sydansk	
	12	US- 5,211,250	05/18/93	Kubena, Jr. et al.	
	13	US- 6,642,183 b1	01/10/03	Bass et al.	
	14	US- 6,716,799 B1	04/06/04	Mueller et al.	
PJ	15	US- 2004/0204323 1	10/014/04	Temple et al.	
	16	US- 2004/0235674 A1	11/25/04	Youngson et al.	
		US-			
		US-			
		US-			

### FOREIGN PATENT DOCUMENTS

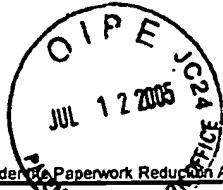
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				
PJ	1	1,082,046	09/06/67	Milchem Inc.		
PJ	2	WO 97/05212	02/13/97	Urquhart		

Examiner Signature	P. TUCKER	Date Considered	8/6
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PTO/SB/08A (08-03)  
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Substitute for PTO-9199

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet

1

of 2

### Complete if Known

Application Number	10/776,887
Filing Date	02/11/2004
First Named Inventor	Colin Temple
Art Unit	1712
Examiner Name	unknown

Attorney Docket Number 2003-IP-009967U1P1

### U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
PJ	1	US- 3,025,234	03/13/62	Canterino et al.	
	2	US- 4,045,357	08/30/77	Reed	
	3	US- 4,490,261	12/25/84	Heilweil	
	4	US- 4,498,994	02/12/85	Heilweil	
	5	US- 4,514,310	04/30/85	Heilweil	
	6	US- 4,644,020	02/17/87	Stahl	
PJ	7	US- 5,035,812	07/30/91	Aignesberger et al.	
	8	US- 5,654,261	08/05/97	Smith	
		US-			

### FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>4</sup>
		Country Code <sup>3</sup> "Number" "Kind Code <sup>3</sup> (if known)				
PJ	1	WO 2004/090067 A2	10/21/2004	Youngson et al.		

Examiner Signature

P. TUCKER

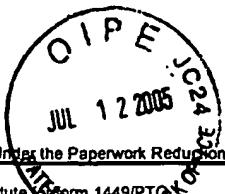
Date Considered

8/06

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a collection of information unless it contains a valid OMB control number.

<p>Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.</p> <p>Substitute Form 1449/PT ITEM 4 TRADEMARK</p> <p><b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b></p> <p><i>(Use as many sheets as necessary)</i></p>		<p><b>Complete if Known</b></p>	
		Application Number	10/776,887
		Filing Date	02/11/2004
		First Named Inventor	Colin Temple
		Art Unit	1712
		Examiner Name	unknown
Sheet	2	of	2
		Attorney Docket Number	

## NON-PATENT LITERATURE DOCUMENTS

Examiner Signature	<i>P. TUCKER</i>	Date Considered	8/26
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*\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.*

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language transcription is attached.

\* Applicant's Unique Citation designation number (optional).  Applicant is to place a check mark here if English language translation is attached.  
This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

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Sheet 1 of 1

FORM PTO-1449 (Modified 8/1/01)		ATTY. DOCKET NO. 2003-IP-009967U1P1	SERIAL NO. 10/776,887
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT		APPLICANT Colin Temple et al.	
(Use several sheets if necessary)		FILING DATE February 12, 2004	GROUP 1712

*U.S. PATENT DOCUMENTS*

EXAMINER INITIAL		Document No.	Date	Name	Class	Subclass	Filing Date if Appropriate
PT	AA	4,792,412	12/20/88	Heilweil	252	8.514	
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

*FOREIGN PATENT DOCUMENTS*

		Document No.	Date	Country	Class	Subclass	Translation Yes	No
PT	AL	EP 0 668 339 A1	08/23/95	Europe	C09K	7/00	X	
	AM							
	AN							
	AO							
	AP							

*OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)*

PT	AR	Foreign communication from a related counterpart application dated
		December 20, 1988.
	AS	
	AT	

EXAMINER

DATE CONSIDERED

8/06

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



Sheet 1 of 1

FORM PTO-1449 (Modified)		ATTY. DOCKET NO. 2003-IP-009967U1P1	SERIAL NO. 10/776,887
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT			
(Use several sheets if necessary)		FILING DATE February 12, 2004	GROUP 1712

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	Document No.	Date	Name	Class	Subclass	Filing Date if Appropriate
AA						
AB						
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AI						
AJ						
AK						

**FOREIGN PATENT DOCUMENTS**

	Document No.	Date	Country	Class	Subclass	Translation
						Yes
AL	WO 96/04348	02/15/96	PCT	CO9K	7/02	X
AM	WO 96/03474A2	02/08/96	PCT	CO9K	7/02	X
AN	GB 2 267 921 A	12/22/93	United Kingdom	CO9K	7/02	X
AO						
AP						

**OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)**

PT	AR	Foreign communication from a related counterpart application dated
		September 9, 2004.
	AS	
	AT	

EXAMINER

*P. TUCKER*

DATE CONSIDERED

*8/06*

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449 (Modified)		ATTY. DOCKET NO. 2003-IP-009967U1P1	SERIAL NO. Unknown
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT		APPLICANT Colin Temple et al.	
(Use several sheets if necessary)		FILING DATE Concurrently herewith	GROUP Unknown

## U. S. PATENT DOCUMENTS

EXAMINER INITIAL	Document No.	Date	Name	Class	Subclass	Filing Date if Appropriate
PT	AA 3,738,437	06/12/73	Scheuerman	175	70	
	AB 3,843,524	10/22/74	Perricone et al.	252	1	
	AC 4,033,893	07/05/77	Mondshine	252	805 A	
	AD 4,142,595	03/06/79	Anderson et al.	175	72	
	AE 4,440,649	04/03/84	Loftin et al.	252	8.5 C	
	AF 4,460,627	07/17/84	Weaver et al.	427	212	
	AG 4,532,052	07/30/85	Weaver et al.	252	8.55 R	
	AH 4,536,297	08/20/85	Loftin et al.	252	8.5 C	
	AI 4,741,843	05/03/88	Garvey et al.	252	8.514	
PT	AJ 4,757,862	07/19/88	Maiman et al.	166	295	
PT	AK 4,941,981	07/17/90	Perricone et al.	252	8.51	

## FOREIGN PATENT DOCUMENTS

	Document No.	Date	Country	Class	Subclass	Translation
						Yes
	AL					
	AM					
	AN					
	AO					
	AP					

## OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

PT	AR	SPE 14248 entitled "Shale Stabilization Principles" by L.E. Nesbitt
		et al. dated 1985.
PT	AS	Baroid brochure entitled "BARACAT® Shale Stabilizer" dated 2002.
PT	AT	Baroid brochure entitled "BARASIL™-S Shale Stabilizer" dated 2002.

EXAMINER

DATE CONSIDERED

P. Tuckerman

8/06

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FORM PTO-1449 (Modified)  LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT  (Use several sheets if necessary)		ATTY. DOCKET NO. 2003-IP-009967U1P1	SERIAL NO. Unknown
		APPLICANT Colin Temple et al.	
		FILING DATE Concurrently herewith	GROUP Unknown

## U. S. PATENT DOCUMENTS

EXAMINER INITIAL		Document No.	Date	Name	Class	Subclass	Filing Date if Appropriate
PT	AA	4,988,450	01/29/91	Wingrave et al.	252	8.514	
	AB	5,198,415	03/30/93	Steiger	507	103	
	AC	5,208,216	05/04/93	Williamson et al.	507	120	
	AD	5,635,458	06/03/97	Lee et al.	507	240	
	AE	6,054,416	04/25/00	Bland	507	136	
	AF	6,204,224 B1	03/20/01	Quintero et al.	507	123	
	AG	6,248,698 B1	06/19/01	Mullen et al.	507	140	
	AH	6,291,405 B1	09/18/01	Lee et al.	507	136	
	AI	6,422,325 B1	07/23/02	Krieger	175	50	
	AJ	6,435,276 B1	08/20/02	Kercheville et al.	166	255.1	
PT	AK	US 2002/0160919 A1	10/31/02	Stowe, II. et al.	507	100	

## FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Class	Subclass	Translation
							Yes
	AL						
	AM						
	AN						
	AO						
	AP						

## OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

PT	AR	Baroid brochure entitled "BARO-TROL® PLUS Shale Stabilizer" dated 1999.
PT	AS	Baroid brochure entitled "CLAYSEAL® Shale Stabilizer" dated 2002.
PT	AT	Baroid brochure entitled "EZ-MUD® Shale Stabilizer" dated 2002.

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FORM PTO-1449 (Modified)		ATTY. DOCKET NO. 2003-IP-009967U1P1	SERIAL NO. Unknown
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(Use several sheets if necessary)		FILING DATE Concurrently herewith	GROUP Unknown

## U. S. PATENT DOCUMENTS

EXAMINER INITIAL		Document No.	Date	Name	Class	Subclass	Filing Date if Appropriate
PT	AA	3,359,225	12/19/67	Weisend	260	29.6	
	AB						
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	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

## FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Class	Subclass	Translation
							Yes
	AL						
	AM						
	AN						
	AO						
	AP						

## OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

PT	AR	Baroid brochure entitled "GEM™ 2000 Shale Stabilizer" dated 2002.
PT	AS	Baroid brochure entitled "HYDRO-GUARD™ Inhibitive Water-Based Fluid
		Dated 2002.
PT	AT	Paper entitled "Structural Insights into a Novel Molecular-Scale
		Composite of Soluble Poly(vinyl Pyrrolidone) Supporting Uniformly
		Dispersed Nanoscale Poly(vinyl pyrrolidone) Particles" by David Hood, et al., dated 2002.

EXAMINER

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(Use several sheets if necessary)		FILING DATE Concurrently herewith	GROUP Unknown

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## FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Class	Subclass	Translation Yes	No
	AL							
	AM							
	AN							
	AO							
	AP							

## OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

PT	AR	International Specialty Products brochure entitled "New ViviPrint™"
		Technology Commercially Available" dated 2002.
PT	AS	Zytek brochure entitled "Nanotechnology" by Christine Peterson,
		undated, but admitted to be prior art.
PT	AT	Kodak brochure entitled "Nanoparticles and You - Chances are You've
		Got Them" dated 2001.

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P. Tucker

8/06

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AK						

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	Document No.	Date	Country	Class	Subclass	Translation	Yes	No
AL								
AM								
AN								
AO								
AP								

## OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

PT	AR	Paper entitled "Connections to Other Fields; Education Issues", by Gary Poehlein, dated 1998.
	AS	
	AT	

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